



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7956

SERIAL NUMBER 10/656,596	FILING DATE 09/05/2003  RULE	CLASS 365	GROUP ART UNIT 2827	ATTORNEY DOCKET NO. YOR920030119US1
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Wing K. Luk, Chappagua, NY;  
 Robert H. Dennard, Croton On Hudson, NY;

\*\* CONTINUING DATA \*\*\*\*\* *HL*

\*\* FOREIGN APPLICATIONS \*\*\*\*\* *HL*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 11/25/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY NY	SHEETS DRAWING 7	TOTAL CLAIMS 8	INDEPENDENT CLAIMS 1
---	---------------------------	------------------------	----------------------	----------------------------

35 USC 119 (a-d) conditions met ☐ yes ☒ no ☐ Met after Allowance

Verified and Acknowledged *[Signature]*  
 Examiner's Signature Initials

ADDRESS  
 24299  
 GEORGE SAI-HALASZ  
 303 TABER AVENUE  
 PROVIDENCE, RI  
 02906

TITLE  
 Single cycle read/write/writeback pipeline, full-wordline I/O DRAM architecture with enhanced write and single ended sensing

FILING FEE  RECEIVED 804	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---